317 Elm Street
Milford, NH 03055

(603) 673-5440
Fax (603) 673-0366
Sales@chemservelab.com

Friday, June 27, 2014

Tom Givetz
New Hampshire Fish and Game Powder Mill
288 Merrymeeting Road
New Durham NH 03855

Project Name: Powder Mill Hatchery
Project #: N/A
Project Location: New Durham, NH
Control #: 097741

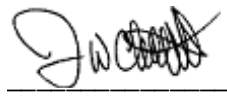
Lab ID: 14060161
Date Received: 6/12/2014

Dear Tom Givetz

Enclosed please find the laboratory results for the above referenced samples that were received by the ChemServe sample custodian on the above referenced date. Any abnormalities to the samples upon receipt would be noted on the enclosed chain of custody document. This report is not valid without a completed chain of custody with the corresponding control number, attached.

All samples analyzed by ChemServe are subject to quality standards. These standards are as stringent or more stringent than those established under NELAC, 40 CFR Part 136, state certification programs, and corresponding methodologies. ChemServe has a written QA/QC Procedures Manual that outlines these standards, and is available for your reference, upon request. Unless otherwise stated on the Chain of Custody or within the report, all holding times, preservation techniques, container types, and analytical methods are analogous with those outlined by NELAC. All units are based on “as received” weight unless denoted “dry”.

I certify that I have reviewed the above referenced analytical data and state forms, and I have found this report within compliance with the procedures outlined within NELAC. ChemServe’s certified parameter list can be found at http://www.chemservelab.com/Laboratory-Information-and-Documentation.aspx



Jay Chrystal - President/Laboratory Director

ACCREDITED IN ACCORDANCE WITH nelac
Certificate Number 1008

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Project Name: Powder Mill Hatchery
Project Location: New Durham, NH

Lab ID: 14060161
Date: 6/27/2014

Lab ID: 14060161

Sample Receiving and Comment Summary

Were samples submitted with a chain of custody?	Yes
Do all samples received match the chain of custody?	Yes
Were all samples received within applicable holding times?	Yes
Were all containers intact when received?	Yes
Was there evidence of cooling if required?	Yes
Were samples for volatile organic analysis free of headspace (per method)?	N/A
Was the cooler temperature recorded if applicable?	Yes
If the sample pH was not correct was it adjusted where applicable?	Yes
Were samples for dissolved metals already filtered by the client or field sampling?	N/A
Were Samples for O-phos filtered in the field?	N/A
Were samples recieved in the appropriate containers?	Yes

Sample	Method	Client Identity	Matrix	Analyst
14060161-001	SM 4500-NH3-D	001 - #1, #2, #3	Wastewater	LauraB

Comment: No Comment

**** Blank comment sections denote "No Comment"***

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Project Location: New Durham, NH

Analytical Results

Lab ID: 14060161
Date: 6/27/2014

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	EPA 200.7	001 - #1, #2, #3		Wastewater	CharleneF

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				6/16/2014	1	0
Phosphorous-P Total	7723-14-0	< 0.01 mg/L		6/20/2014	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	EPA 300.0	001 - #1, #2, #3	mg/L	Wastewater	MichelleG

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		6/13/2014 10:31:00 AM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	In House	001 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 1 mg/L		6/26/2014	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	SM 2540D	001 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		6/17/2014	0.5	2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	SM 4500-NH3-D	001 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		< 0.2 mg/L		6/26/2014	1	0.2

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	SM 5210B	001 - #1, #2, #3	mg/L	Wastewater	CalebH

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		1.87 mg/L		6/13/2014 7:00:00 AM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-001	SM4500-Norg/NH3-B	001 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:06:00 AM **Composite End Date/Time:** 6/11/2014 7:06:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		6/23/2014	1	0.5

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	EPA 200.7	002 - #1, #2, #3		Wastewater	CharleneF

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Hot Plate Digestion				6/16/2014	1	0
Phosphorous-P Total	7723-14-0	0.03 mg/L		6/20/2014	1	0.01

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	EPA 300.0	002 - #1, #2, #3	mg/L	Wastewater	MichelleG

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Nitrate		< 1 mg/L		6/13/2014 10:44:00 AM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	In House	002 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Nitrogen		< 1 mg/L		6/26/2014	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	SM 2540D	002 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Total Suspended Solids		< 2 mg/L		6/17/2014	0.5	2

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Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	SM 4500-NH3-D	002 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Ammonia-N		0.27 mg/L		6/26/2014	1	0.2

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	SM 5210B	002 - #1, #2, #3	mg/L	Wastewater	CalebH

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
BOD		1.84 mg/L		6/13/2014 7:00:00 AM	1	1

Sample	Method	Client Sample Identity	Units	Matrix	Analyst
14060161-002	SM4500-Norg/NH3-B	002 - #1, #2, #3	mg/L	Wastewater	LauraB

Start Date/Time Sampled: 6/10/2014 7:13:00 AM **Composite End Date/Time:** 6/11/2014 7:13:00 AM

Parameter	CAS Number	Result	Qualifier	Date/Time Analyzed	Dilution Factor	RDL
Kjeldahl-N	5228003-90-0	< 0.5 mg/L		6/23/2014	1	0.5

Qualifier:	Description:
B-	Method blank contaminated with target analyte.
B1-	BOD had total oxygen loss. Result reported as ">"the highest dilution.
B2-	BOD had no oxygen loss. Result reported as "<" the lowest dilution.
G-	Reporting limit elevated due to matrix interference.
H-	Method prescribed holding time exceeded.
J-	Indicates an estimated value. Value is less than the quantitation limit.
LH-	Laboratory control spike(s) was high. Results may be biased high.
LL-	Laboratory control spike(s) was low. Results may be biased low.
MH-	Matrix spike recovery high due to matrix. Results may be biased high.
ML-	Matrix spike recovery low due to matrix. Results may be biased low.
NC-	Spike recovery was not calculated due to the concentration of the analyte being >4 times the concentration of the spike added.
R-	RPD outside acceptable recovery limits.
RO-	Sample received out of holding time.
SH-	Surrogate recovery high due to matrix
SL-	Surrogate recovery low due to matrix
TNTC-	Too numerous to count.
U-	BOD/CBOD blank had an oxygen depletion greater than the suggested amount of 0.200.
V-	Sample pH for volatile analysis was not <2 when checked at time of analysis.

Chain of Custody No. 097741

Multiple COC's Yes (No)

ChemServe ENVIRONMENTAL ANALYSTS

CHAIN OF CUSTODY

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A CUSTOMER INFORMATION

CUSTOMER: N.H. Fish + Game
ADDRESS: 11 Hazen Dr
CITY/STATE/ZIP Concord N.H 03301
TELEPHONE: 603 859 2011
REPORT TO: Tom Gintz
EMAIL TO: Powdermill@hotmail.com

B PROJECT INFORMATION

JOB NAME: Powder Mill Hatchery
JOB NUMBER:
LOCATION: New Durham, NH
INVOICE EMAIL:
INVOICE TO:
P.O. NUMBER:

C SAMPLE INFORMATION

TURNAROUND TIME: (CIRCLE ONE:)

(10 DAY STANDARD) RUSH (MUST BE PRE-APPROVED)

7day 5 day 4 day 3 day 2 day 1 day Same Day

MCP ☐ YES ☐ NO ☐ GW1 ☐ GW2 ☐ GW3

STATION # (D)	SAMPLE IDENTIFICATION & LOCATION (E)	COLLECTED DATE (F)	COLLECTED TIME (G)	SAMPLE TYPE GRAB	SAMPLE TYPE COMP (H)	MATRIX (I) SOLID (S) LIQUID (L) COMBINED (C) HAZARD (H)	# OF CONTAINERS (J)	CONTAINER AND PRESERVATIVE (K) H2SO4	CONTAINER AND PRESERVATIVE (K) N.H 03	ANALYSIS (L)
	001 - #1	6/11/14	7:06-7:06		✓	L				BOD - TSS - Nitrate
	001 - #2	6/11/14	7:06-7:06		✓	L		✓		T - Nitrogen
	001 - #3	6/11/14	7:06-7:06		✓	L			✓	T - Phos
		DATE	TIME							
	002 - #1	6/11/14	7:13-7:13		✓	L				BOD - TSS - Nitrate
	002 - #2	6/11/14	7:13-7:13		✓	L		✓		T - Nitrogen
	002 - #3	6/11/14	7:13-7:13		✓	L			✓	T - Phos
		DATE	TIME							

M CUSTODY

SAMPLER: (print name) Thomas Gintz
SIGNATURE:

	DATE	MILITARY TIME
RELINQUISHED:	6/11/14	0836
RECEIVED:	6/11/14	1120
RELINQUISHED:	6/12/14	1200
RECEIVED FOR LAB:	6/12/14	1600

SAMPLE CHECK LIST:

RECEIVED WITHIN HOLD TIME (YES) OR NO
RECEIVED IN GOOD CONDITION (YES) OR NO
TEMP BLANK 2-2 °C
SHIPPED OR HAND DELIVERED
SAMPLES WERE PROPERLY PRESERVED (YES) NO N/A
SAMPLES WERE FILTERED IN FIELD LAB (N/A)
IF NO EXPLAIN:

GROUP # 1406016 6/26

FIELD READING(S) & COMMENTS: